

# Program

The complete program for our Workshop.

Download the program as a PDF.

Time	Monday (2025-02-10)	Tuesday (2025-02-11)	Wednesday (2025-02-12)	Thursday (2025-02-13)	Friday (2025-02-14)
09:00	<b>Of Fish and Fascists</b> <i>Iain Couzin</i> 09:00 - 09:30	<b>The Wisdom of Conflicted Crowds - From Divisiveness to Augmented Democracy</b> <i>Cesar Hidalgo</i> 09:00 - 09:30	<b>Decision-Centred AI. On the Human-AI Interaction for Wicked Problems</b> <i>Tina Comes</i> 09:00 - 09:30	<b>Ontological Foundations of a Digital Society</b> <i>Andrej Zwitter</i> 09:00 - 09:30	<b>Mechanisms for Cooperation</b> <i>Heinrich Nax</i> 09:00 - 09:30
09:30	<b>Collective Rule-Breaking</b> <i>Jens Krause</i> 09:30 - 10:00	<b>Complexity and Networks</b> <i>Guido Caldarelli</i> 09:30 - 10:00	<b>Can we Make the Co-Evolution of Cities Smarter?</b> <i>Denise Pumain</i> 09:30 - 10:00	<b>New Tools for Urban Regeneration</b> <i>Vittorio Loreto</i> 09:30 - 10:00	<b>The Algorithm Game</b> <i>Cesare Carissimo</i> 09:30 - 10:00
10:00	<b>Collective Movement in Confined Space and Time</b> <i>Ulrik Brandes</i> 10:00 - 10:30	<b>Unraveling Voting Impact and its Novelty</b> <i>Evangelos Pournaras</i> 10:00 - 10:30	<b>Urban Planing the Unconventional, the Unintuitive, and the Unexpected</b> <i>Javier Argota Sánchez-Vaquerizo</i> 10:00 - 10:30	<b>Bridging Voting and Citizen Deliberations With Algorithms</b> <i>Joshua Yang</i> 10:00 - 10:30	<b>Smarter Societies at the Brink of Climate Emergency?</b> <i>Viktoria Spaiser</i> 10:00 - 10:30
Break					
	<b>Hybrid Intelligence for Digital Democratic Processes</b> <i>Catholijn Jonker</i> 11:00 - 11:30	<b>Circular Economy, Back to Holistic Product Design</b> <i>Johannes Klinglmayr</i> 11:00 - 11:30	<b>Can Urban Planners Tame Urban Traffic Congestion with Digital Era Solutions?</b> <i>Efrat Blumenfeld</i> 11:00 - 11:30	<b>Established Democracy and (Non-) Participatory Approaches in Times of AI, Complexity, and Technological Change</b> <i>Regula Häggli</i>	<b>Agent-Based Social Simulation - the Dream and the Reality</b> <i>Mario Paolucci</i> 11:00 - 11:30

11:00 - 11:30

**When Artificial Stupidity Meets its Natural Counterpart**

*Paul Lukowicz*  
11:30 - 12:00

**Citizen Engagement – Stumbling Block or Priceless Opportunity?**

*Rosy Mondardini*  
11:30 - 12:00

**Active Modes in Future Cities - (Data-) Challenges and Prospects**

*Serge Hoogendoorn*  
11:30 - 12:00

**Letting Go to Take Hold - Shaping Future Societies through Special Kairos Moments**

*Thomas Maillart*  
11:30 - 12:00

**The Art of Legitimate Decision Making**

*Carina Hausladen*  
11:30 - 12:00

**From FutureICT to FuturiCT 2.0**

*Jose Jacob Kalayil*  
12:00 - 12:30

**Future Cities - Governance, Responsiveness, Generativity**

*Gerhard Schmitt*  
12:00 - 12:30

**Architectural Cognition - Human-centric Evidence for Design**

*Christoph Hölscher*  
12:00 - 12:30

**From Data to Democracy - Open-Source Pathways for Inclusive Urban Futures**

*Sachit Mahajan*  
12:00 - 12:30

**Rationality in Social Decision Making (v)**

*Richard Mann*  
12:00 - 12:30

**How Could AI Change Politics?**

*Karsten Donnay*  
14:00 - 14:30

**Better Science for a Better World**

*Santo Fortunato*  
14:00 - 14:30

**E-Bike-City**

*Kay Axhausen*  
14:00 - 14:30

**Traffic of Many Autonomous Drones in 2+ Dimensions (v)**

*Tamas Vicsek*  
14:00 - 14:30

**Human Values in Complex systems**

*Indushree Banerjee*  
14:00 - 14:30

**ML and Complexity**

*Nino Antulov-Fantulin*  
14:30 - 15:00

**Social Resilience**

*Hans J. Herrmann*  
14:30 - 15:00

**Virtual Roads, Real Solutions - From Academia to the Future of Transportation Digital Twins**

*Lukas Ambühl*  
14:30 - 15:00

**Atlas of Urban Scaling Laws**

*Anna Carbone*  
14:30 - 15:00

**Empowering Smart Cities through the Convergence of Artificial Intelligence, Virtual Reality, and Augmented Reality - A Human-Centric Approach to Urban Innovation**

*Hantao Zhao*  
14:30 - 15:00

<p><b>Environmental Inequality in European Cities. Empirical Analysis with Geo-Referenced Data</b>  <i>Andreas Diekmann</i>  15:00 - 15.30</p>	<p><b>The Ring of Brownian Motion. Its Beneficial Use for Physics and Elsewhere</b>  <i>Peter Hänggi</i>  15:00 - 15.30</p>	<p><b>Rethinking Urban Governance for People, Places and the Planet</b>  <i>Trivik Verma</i>  15:00 - 15.30</p>	<p><b>Decision Making Under Uncertainty</b>  <i>Lucas Böttcher</i>  15:00 - 15.30</p>	<p><b>Modeling the Global Economy (v)</b>  <i>Doyne Farmer</i>  15:00 - 15.30</p>
<p><b>Network Science and Smarter Society</b>  <i>Shlomo Havlin</i>  16:00 - 16:30</p>	<p><b>Hierarchical Control for Large-Scale Mobility Systems</b>  <i>Nikolas Geroliminis</i>  16:00 - 16:30</p>	<p><b>Development and Stability - Resolving a Paradox of Social Change (in Cities)</b>  <i>Luis Bettencourt</i>  16:00 - 16:30</p>	<p><b>Anticipation Heuristics and Prediction Horizons of Automated Vehicles in the Presence of Delays - Will it be Safer than Human Driving?</b>  <i>Martin Treiber</i>  16:00 - 16:30</p>	<p><b>Realistic Residential Segregation and Opinion Polarization Dynamics</b>  <i>Andreas Flache</i>  16:00 - 16:30</p>
<p><b>Complex Systems Design</b>  <i>Frances Brazier</i>  16:30 - 17:00</p>	<p><b>City Size Inequality Increases with Economic Development</b>  <i>Andrea Musso</i>  16:30 - 17:00</p>	<p><b>Decentralized Autonomous Organizations (DAOs) - Challenges and Opportunities</b>  <i>Stefano Baietti</i>  16:30 - 17:00</p>	<p><b>What Should Urban Traffic be optimized for?</b>  <i>Stefan Lämmer</i>  16:30 - 17:00</p>	<p><b>Allowing Collective Intelligence at Massive Scale</b>  <i>Dino Carpentras</i>  16:30 - 17:00</p>
<p><b>On the Limits of Science and Engineering</b>  <i>Carlos Gershenson</i>  17:00 - 17:30</p>	<p><b>Modeling and Decision Making in Complex Societies</b>  <i>Alessandro Vespignani</i>  17:00 - 17:30</p>		<p><b>Democratasing Traffic Signal Control</b>  <i>Damian Dailisan</i>  17:00 - 17:30</p>	<p><b>Smart</b>  <i>Frank Schweitzer</i>  17:00 - 17:30</p>